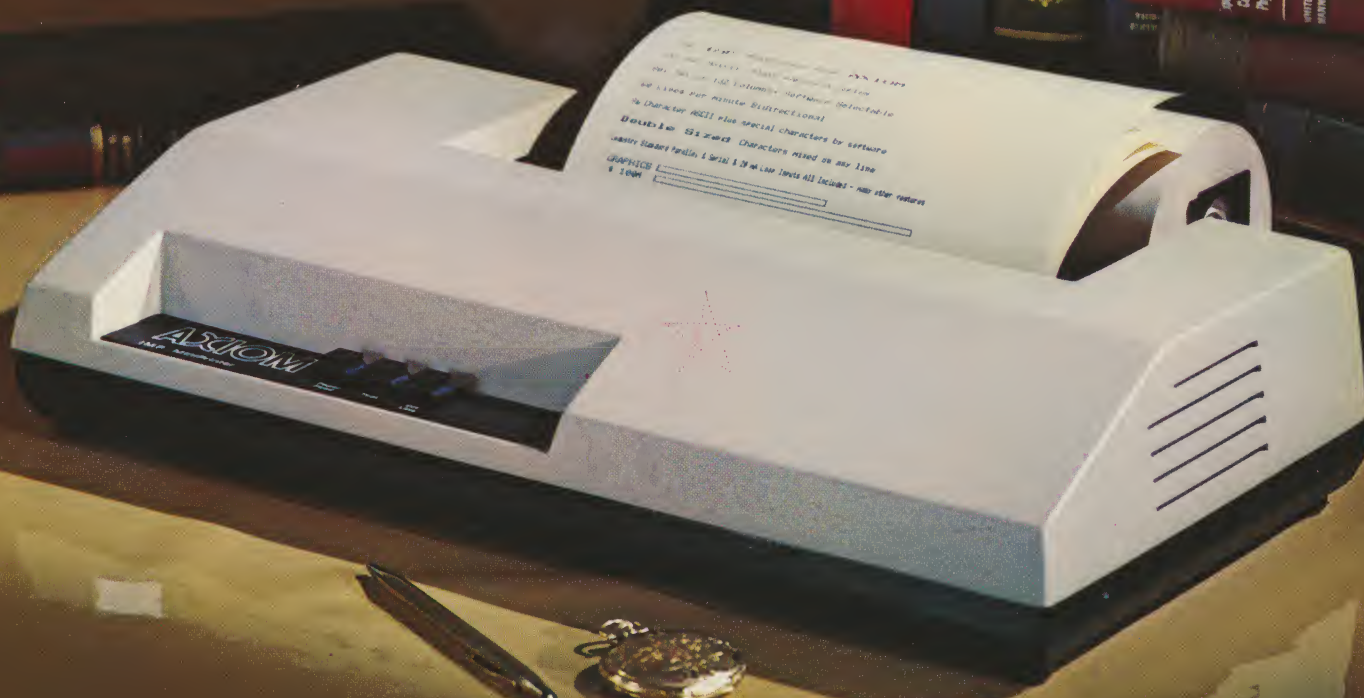


beautifully inexpensive . . .

IMP I

- Low profile impact printer
- 80, 96, or 132 Columns, software selectable
- 7x7 Dot matrix
- 1 Line per second, bidirectional
- Double size characters
- Full graphics capability



by
AXIOM

IMP 1_{T.M.}

Axiom's IMP series printers set new standards for cost effectiveness in producing full size dot matrix hardcopy. The distinctive styling and ultra-low profile are complemented by the rugged, continuous duty mechanism. IMP 1 accepts paper rolls and individual sheets of paper. It has graphics and expanded print capability, and software selectable 80, 96 and 132 column lines.

Specifications

PRINTOUT

Printing Technology Character Size

Bi-directional impact wire matrix.
80 columns (10 per inch), 96 columns
(12 per inch), 132 columns
(16.5 per inch)

Vertical Line Spacing Printing Speed

6 lines per inch.
60 lpm throughput (up to 132 cps
continuous) at 60 Hz. 50 lpm
throughput (up to 110 cps continuous)
at 50 Hz.

Standard Character Set Optional Character Set

96 Character ASCII
User's 96 character set on 7 x 7 dot
matrix may be inserted in place of
standard character set. External
character set also available
(C128 option).

Paper Advance

Friction roller. IMP 2 available with
tractor feed.

INPUT BUFFER

Type Multi-line asynchronous
Standard size 512 characters
Optional size 2K characters
Min. data acceptance rate 1900 cps

SOFTWARE CONTROLS

FUNCTION	ASCII	HEX
Line Feed/Print Line (Selectable)	LF (CR)	OA (OD)
Select 80 columns	GS	1D
Select 96 columns	RS	1E
Select 132 columns	US	1F
Start expanded printing	SI	OF
Stop expanded printing	SO	OE
Sound buzzer	BEL	O7
Enter graphics mode	FS	IC

NOTE: Response to all commands other than LF/CR and BEL may be disabled.

IMP 1 DATA INPUT

(Both Parallel and Serial Inputs are provided as standard).

PARALLEL INPUT

Connector Type 36 pin ribbon connector —
"Centronics" type
Signal Levels Parallel ASCII. All low-power TTL
compatible.
Byte Length Standard — 7 bits ASCII. With
expanded character set — 8 bits
(bit 8 = 0 for ASCII printout without
expanded character set).
Strobe ($\overline{\text{STR}}$) Min 500 nsec.
Acknowledge ($\overline{\text{ACK}}$) TTL pulse 12.5 μ sec wide after each
data entry is accepted.
Busy ($\overline{\text{BSY}}$) TTL high level whenever input not
ready for data.

SERIAL INPUT

Connector Type Signal Specifications

25-pin connector DB-25S.
Serial RS232C & 20mA current loop
built in as standard.

Baud Rates

Standard — All rates between 50 and
1200 baud. Switch selectable.

Byte Length Parity

Available High Speed option — 15
switch-selectable rates to 9600 baud.
7 or 8 bits.

Standard — None tested.

High Speed option — Selectable, odd,
even or none.

Buffer Over-Run

Standard — Pin 20 (DTR) goes to TTL
low when buffer is full next character.

High speed option — Pin 20 (DTR)
goes to $-V$ when buffer is full next
character.

EXTERNAL MEMORY OPTIONS

M2K

Up to 2K bytes of user programmable
ROM (UV eraseable type). May be
used to call up subroutine blocks in
basic printer controller for modifying or
formatting incoming data (Intel 8048
code).

C128

Additional 128 characters on a 7 x 7
matrix. Fonts may be user or factory
programmed.

PHYSICAL Dimensions

17.5 inches (445 mm) wide by
8.75 inches (222 mm) deep by
3.5 inches (89 mm) high.

Weight

14 pounds (6.36 kg)

Electrical

105V to 125V AC or 200V to
260V AC, 50/60 Hz.
100 VA maximum power.
Forced air cooling.

Operator Controls

On/Off switch, Paper Feed, Paper
Release, On/Off line, Test.

ORDERING INFORMATION

Model No. Description

Standard Printer

IMP1AA1

120 VAC, 50/60 Hz Parallel and
Serial input.

IMP1AA2

220/240 VAC, 50/60 Hz Parallel and
Serial input.

Printer With High Speed Option

IMP1BA1

120 VAC, 50/60 Hz High Speed
Serial input only.

IMP1BA2

220/240 VAC, 50/60 Hz High Speed
Serial input only.

AXIOM
T.M.

AXIOM CORPORATION

5932 San Fernando Road • Glendale, CA 91202 • (213) 245-9244 • TWX 910-497-2283



The **IMP 1** MiniPrinter from **AXIOM**
 7x7 Dot Matrix; Plain paper, 3 Copies
 80, 96, or 132 Columns, Software Selectable
 60 Lines per minute Bidirectional
 96 Character ASCII plus special characters by software

Double Sized Characters mixed on any line (This is 96 column)

Industry Standard Parallel & Serial & 20 mA Loop Inputs All Included - many other features

Limited GRAPHICS included-

1980

1981

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! " # $ % & ' ( ) * + , - . /
0 1 2 3 4 5 6 7 8 9 : ; < = > ?
@ A B C D E F G H I J K L M N O
P Q R S T U V W X Y Z [ \ ] ^ _
` a b c d e f g h i j k l m n o
p q r s t u v w x y z { | } ~

```

Optional Special Characters

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ー 7 イ ウ エ オ カ キ ク ケ コ サ シ ス セ ソ
ヲ チ リ テ ト ナ ニ ネ ノ ハ ヒ フ ヘ ホ マ
ミ ゴ メ モ ヤ ュ ョ ラ リ ル レ ロ ワ ン 〃 °

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AXIOM OEM PRICES

U.S. DOMESTIC

MODELS								
QUANTITY	EX-801P	EX-801S	EX-801HS	EX-820	EX-820HS	EX-850	IMP-1	IMP-2
1	495	530	595	795	880	1495.00	695	795
10+	450	485	555	720	810	1345.50	625	715
50+	415	445	495	650	740	1270.75	590	675
100+	371	397	446	555	616	1046.50	521	597

QUANTITY	EX-801 TRS	EX-801 PET	EX-801 APPLE	EX-820 TRS	EX-820 PET	EX-820 APPLE
1	535	535	535	895	895	895
10+	495	495	495	830	830	830
50+	455	455	455	760	760	760
100+	401	401	401	626	626	626

OPTIONS					PAPER (Per Roll)		
QUANTITY	B512	B2K	C128	M2K	QUANTITY	HONSHU	DENNISON
1	40	120	100	120	1 Roll	6.50	6.00
10+	36	108	90	108	1 Case	5.50	4.50
100+	28	90	75	90	10+ Cases	4.50	4.00

HONSHU - 30 rolls per case.
DENNSION - 32 rolls per case.

Spare Parts: See direct repair list.

Payment Terms: Standard - Net 30 days from the date of our invoice.

Discount - 2% discount from net if payment received at Axiom within 10 days from the date of our invoice.

Overdue - 1.5% per month added to any portion of the balance outstanding beyond 30 days.

All prices subject to change without prior notice.